**PROGRAMS :To find the factorial of a number using cpp**

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**#include <iostream>**

**using namespace std;**

**int main() {**

**int a,i=1,fact=1;**

**cout<<"Enter a number"<<endl;**

**cin>>a;**

**while(i<=a){**

**fact\*=i;**

**i++;**

**}**

**cout<<"Factorial of "<<a<<"is "<<fact<<endl;**

**return 0;**

**}**

Input: a=6

Output:

